

# CHEMICAL CONSULTANTS

1160 CENTRE DRIVE  
INDUSTRY, CALIFORNIA 91789  
(714) 595-7473 - (213) 965-7122

ATTN: MIKE REED

A REPORT PREPARED FOR:

ELECTRONIC CHROME

9132 Dice Road

Santa Fe Springs, CA 90670

DATE: February 13, 1976

RECEIVED: January 20, 1976

CUSTOMER P.O.: Verbal

LOG NO.: A812

SAMPLING DATA: 24 hour composite, sampled every hour on January 19 - 20, 1976  
Sampling Box.

FLOW MEASUREMENT DATA: Total Flow 4,451 gallons determined by water  
meter. Peak Flow average 3 g/m

TEST	RESULTS ( )	METHOD
COD	89.1	
Suspended solids	41 mg/l	
pH	6.2	
Cyanide (total)	N/D < 0.1 mg/l	
Cadmium	0.05 mg/l	
Chromium	116 mg/l	
Copper	1.05 mg/l	
Iron	27.5 mg/l	
Mercury	N/D < 0.001	
Nickel	0.22 mg/l	
Silver	N/D < 0.01 mg/l	
Zinc	0.85 mg/l	
Oil & Grease	4.9 mg/l	
N/D = none detected		

Respectfully submitted,

Jeff D. Jolicoeur

CHEMICAL CONSULTANTS

JDJ/ln

cc:file

25 3/week per conversation with M. Reed  
of Elect. Chrom. 9-15-76

CITY OF SANTA FE SPRINGS

INDUSTRIAL WASTE DISPOSAL PERMIT APPLICATION

Firm Name: Electronic Chrome Co., Inc. Date: 2/23/76

Mailing Address: 9132 Dice Rd., Santa Fe Springs Phone No.: 698-9791

Installation Address: Same

Type of Industry: Hard chrome plating

Character of operation producing waste: Hard chrome plating

Types of chemicals, solvents, cleaning compound, oils or other substances contained in liquid waste discharge: See attached report

Approximate amount of waste liquids ( <sup>25</sup>~~4,451~~ ) gals. per ( Week ~~Day~~ ).

Disposal of liquid wastes: See attached report

Quantity and character of solid wastes: See attached report

Disposal of solid wastes: See attached report

Additional Information: \_\_\_\_\_

\* per conversation with Mr Mike Reed  
of Electronic Chrome Co, Inc. See Mike Reed  
Electronic chrome letter responding to our Applicant's Signature  
plan check dated 8-3-76, also. Perair 9/15/76

This application should be forwarded to the City of Santa Fe Springs, Public Works Department, Post Office Box 2120, Santa Fe Springs, California 90670. In addition, the required Industrial Waste Disposal Permit Application Fee of \$15.00 should be made payable to the City of Santa Fe Springs. The required Annual Permit Fee will not be due until the permit is issued.

*Electronic Chrome Co., Inc.*

— Government Approved —

PRECISION HARD CHROME • GRINDING &amp; HONING

9132 Dice Road, Santa Fe Springs, Calif. 90670

Phone (213) 698-9791

July 6, 1976

Department of County Engineers  
 Project Planning and Pollution Control Division  
 16623 S. Bellflower Boulevard  
 Bellflower, California 90706

Attention: Dave Lobato  
 Industrial Waste  
 Engineering Inspector

Dear Sir:

Attached you will find copies of our drawings showing a plot plan and also the location of all equipment used in our chrome plating operation.

It is not practical for us to install facilities for wastewater pre-treatment at this time, due to the high cost of such equipment. Therefore, we are proposing to remedy the situation as follows:

1. The collector pit shown on our drawing will be cemented with concrete in order to block off all waste-water from the rear sink and the scrubbers. Only the line from the rest rooms will be left open to the main sewer. This will eliminate any waste water entering into main sewer line.
2. All rinsing will be done over the chrome tanks. Any rinse water that does not wash into the tanks, will be washed into a concrete pit next to each chrome tank. The amount of waste water being collected in these pits will be less than 25 gallons per day.<sup>week</sup> This waste water will be pumped out periodically by J & M Waste Disposal.
3. The acid tank in the rear yard will be protected by a block wall. Also, a hinged cover will be made for the tank to prevent over-flow from rain water.

We trust these corrections will comply with your requirements. We will proceed immediately with the above corrections as soon as you have approved same.

Very truly yours,



Mike Reed  
 General Manager

I-903-1H

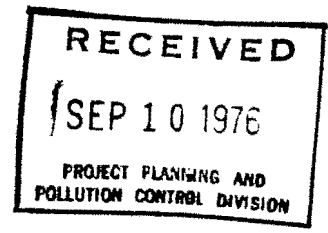
# Electronic Chrome Co., Inc.

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Phone (213) 698-9791



## PLAN CHECKING INSTRUCTIONS

- Items #9 & 26: All storm run-off from rear yard is drained down south side of building. There is no waste water in rear yard.
- Item #13: There is no waste water flow from any of the chrome tanks or blowers.
- Item #22: Lay-out of chrome tanks and pits as shown on drawing. Approximately 25 gallons per week of waste water flows into pits. This waste water evaporates with heat from tanks.
- Item #23: Plumbing fixtures abandoned as shown.
- Item #24: A block wall is proposed on each side of tank along with a hinged cover on tank to prevent storm water from over-flowing acid tank. There is no spillage from this tank.
- Item #25: There are no chemicals stored in rear yard and no clean-up is done in rear yard. All clean-up of parts is done directly over chrome tanks to prevent any spillage. Whatever spillage we have from this rinse operation which spills into concrete pits (25 gal. per week) evaporates from heat of tanks.

Mike Reed  
General Manager

COUNTY OF LOS ANGELES  
DEPARTMENT OF COUNTY ENGINEER  
PROJECT PLANNING AND POLLUTION CONTROL DIVISION

## INDUSTRIAL WASTE SURVEY

City SANTA FE SPRINGS I-File No. 903-1H  
SMD No. 3240.10 Permit No. 8106  
FIRM NAME ELECTRONIC CHROME COMPANY, INC.  
Address 9132 S. DICE RD. Telephone No. 698-9791  
between LOS NIETOS ROAD and ALTAMAR PLACE  
Contact Name MIKE REED Title GENERAL MANAGER  
Business and processes: HARD CHROME PLATING OF OIL DRILLS,  
GRINDING AND HONING.

Type and Quantity I.W. CHROME RINSE WATER AND ACID WASTE

WASTE DISPOSAL: Sample Taken NO Parameters N/A  
Sewer: SMD N/A San. Dist. N/A Volume 30 GPD  
Surface Drainage — Cooling Water — Uncontaminated —  
Ground — Holding Tank ✓ Level Alarm NONE  
Other —

PRETREATMENT FACILITIES: Location SEE SKETCH ON BACK  
Trap: Standard — Non-Standard <sup>①</sup> ACID HOLDING TANK  
Other 4- CHROME RINSE HOLDING SUMP.

REQUIREMENTS AND DATA:  
Inspection YES Frequency IV Permit HAVE  
New Industry NO Resurvey NO T.C. Requested HAVE  
Classification 201 SIC No. N/A Disp. Method 9

REMARKS AND RECOMMENDATIONS: CONSTRUCTED ACCORDING TO PLANS  
APPROVED ON 12/9/76

Survey by: JERRY WONG Date 2-15-77

**FIRE DEPARTMENT OF THE  
CITY OF SANTA FE SPRINGS**

HEADQUARTERS FIRE STATION • (213) 944-9713  
11300 GREENSTONE AVE. • SANTA FE SPRINGS 90670-4619



November 20, 1990

910.25

Bahman Hajialiakbar  
Los Angeles County Department of Public Works  
Waste Management Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

006384  
11614

Dear Bahman:

Subject: Underground Industrial Waste Sump  
Electronic Chrome  
9132 Dice Rd., Santa Fe Springs

The above facility is a chrome plating facility. They currently discharge their waste water to an underground holding sump in the center of their property. The waste is periodically hauled off site. They have had a valid Industrial Waste Permit for this operation for many years.

Due to the underground sump, you may wish to inspect this facility. Please contact Mr. John L. Hunter, at this office, if you have any questions.

Sincerely,

  
Stanley D. Boettcher  
Fire Marshal

SDB/jlh/sf